

## Message Text

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ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 SOE-02 SS-15 ACDA-12 CIAE-00  
INR-10 IO-14 L-03 NSAE-00 NSC-05 EB-08 NRC-07  
DODE-00 SP-02 CEQ-01 NEA-11 COME-00 OIC-02 /112 W  
-----112505 081221Z /53

R 081130Z JUN 78  
FM AMEMBASSY VIENNA  
TO SECSTATE WASHDC 6701  
INFO USDOEHQ WASHDC  
USDOEHQ GERMANTOWN

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USIAEA

DEPT PASS IO/SCT, S/AS, OES, AND ACDA  
DOE PASS IA, AMMONS, GIAMBUSSO, VOIGHT, AND QUINN

E.O. 11652: N/A  
TAGS: ENRG, TECH, IAEA  
SUBJECT: INFCE: REPORT OF WORKING GROUP 2, JUNE 5, 1978

1. SUB-GROUP B OF WG-2, INFCE, CONVENED AT 9:30 A.M.,  
JUNE 5, 1978 AT IAEA OFFICES, VIENNA. PURPOSE OF  
MEETING WHICH WAS CHAIRED BY M. POPP (FRG), WAS TO  
RECEIVE, AND DISCUSS, THE RESPONSES TO THE WG-2B  
QUESTIONNAIRE COVERING INFORMATION ON THE VARIOUS  
ENRICHMENT TECHNOLOGIES. RESPONSES WERE RECEIVED,  
OR WERE STATED TO BE ENROUTE, FROM THE FOLLOWING  
COUNTRIES AND FOR THE INDICATED TECHNOLOGIES:

- FRANCE - 3; DIFFUSION, CENTRIFUGE, CHEMICAL EXCHANGE
- GERMANY - 2; CENTRIFUGE (JOINTLY WITH UK AND  
- NETHERLANDS), NOZZLE

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- ITALY - 3; DIFFUSION, CENTRIFUGE, LASER
- JAPAN - 4; DIFFUSION, CENTRIFUGE, LASER,  
- CHEMICAL EXCHANGE
- U.S. - 6; DIFFUSION, CENTRIFUGE, LASER (2),  
- PLASMA, CHEMICAL EXCHANGE

IN ADDITION, (A) ITALY OFFERED TO SUPPLEMENT ITS RESPONSE  
WITH INFORMATION PRESENTED AT THE 1977 IAEA CONFERENCE

IN SALZBURG; (B) AUSTRALIA ADVISED THAT IT WOULD NOT FURNISH A RESPONSE, BUT EXPRESSED WILLINGNESS TO SUPPLY APPROPRIATE EXCERPTS FROM ITS ANNUAL REPORTS WHICH DISCUSS THEIR ENRICHMENT PROGRAM; (C) CANADA STATED THAT IT WOULD NOT RESPOND TO THE QUESTIONNAIRE, BUT THAT IT COULD PROVIDE INFORMATION ON A STUDY MADE A FEW YEARS AGO WHICH ADDRESSED THE POSSIBILITY OF CONSTRUCTING AN ENRICHMENT PLANT IN CANADA.

THE U.K. STATED THAT THEIR ONLY RESPONSE WOULD PERTAIN TO THEIR PARTICIPATION IN UREMCO HAVING DECIDED NOT TO RESPOND CONCERNING THEIR DIFFUSION PROGRAM. OTHER COUNTRIES PRESENT, INCLUDING BELGIUM, IRAN, SPAIN, SWEDEN AND SWITZERLAND ADVISED THAT THEY HAD NOTHING SIGNIFICANT TO CONTRIBUTE WITH RESPECT TO THE QUESTIONNAIRE.

SOUTH AFRICA WAS NOTABLY ABSENT FROM THE MEETING. SOUTH AFRICA SENT A LETTER TO IAEA, STATING THAT IT WOULD NOT RESPOND TO THE QUESTIONNAIRE IN VIEW OF ITS POLICY OF NOT DIVULGING DATA ON ITS PROCESS AND OF ITS DECISION NOT TO PROCEED WITH A FULL SCALE ENRICHMENT PLANT BASED ON THE UCOR PROCESS AT THIS POINT IN TIME.

M. POPP STATED THAT, AS CHAIRMAN OF WG-2B, HE WOULD  
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UNDERTAKE TO PREPARE A SYNOPSIS OF THE RESPONSES, AFTER ANY NECESSARY CONTACTS WITH THE COUNTRIES FROM WHOM THEY WERE SUBMITTED, FOR PRESENTATION TO THE TCC AT ITS OCTOBER, 1978 MEETING.

2. FOLLOWING THE WG-2B MEETING, THE MEETING OF THE FULL WG-2 CONVENED. PURSUANT TO THE EARLIER AGREEMENT AMONG THE CO-CHAIRMEN, THE CHAIRMANSHP ROTATED TO THE REPRESENTATIVE FROM IRAN, MR. RASIZAHDI. MR. COATES REPORTED TO THE GROUP ON THE PROGRESS, STATUS AND PLANS OF WG-2A (WHICH IS WORKING JOINTLY WITH WG-1A ON THE DEVELOPMENT OF THE NUCLEAR POWER FORECAST TO BE USED IN INFCE STUDIES), AND MR. POPP DID THE SAME FOR WG-2B'S ACTIVITIES.

THE THREE CO-CHAIRMEN APPEARED TO BE ANXIOUS TO EXPEDITE PROCEEDINGS AT THE MEETING IN ORDER TO WRAP UP THE SESSION IN ONE DAY (THE MEETING ACTUALLY WAS COMPLETED BEFORE LUNCH - ABOUT 2:00 P.M.), BUT NOT SO ANXIOUS TO EXPEDITE THE WORK OF WG-2. THEY INDICATED THAT THE WORK OF WG-2 THROUGH THE NEXT MEETING (IN OCTOBER) WOULD CONSIST MERELY OF PREPARATION OF THE SUPPLY-DEMAND PROJECTION FOR ENRICHMENT SERVICES

AND THE PREPARATION OF THE SYNOPSIS REPORT ON THE RESPONSES TO THE WG-2B QUESTIONNAIRE. THE U.S. DELEGATION, WITH SUPPORT PRIMARILY FROM THE U.K., PROPOSED THAT EFFORT OF OTHER ACTIVITIES FOR WHICH WG-2 IS RESPONSIBLE BE UNDERTAKEN IN PARALLEL WITH THE SCOPE OF WORK OUTLINED BY THE CHAIRMAN. SPECIFICALLY, THE U.S. PROPOSED THAT ORGANIZATIONAL PLANS BE FORMULATED AND ADOPTED FOR STUDYING THE MULTI-NATIONAL PLANT CONCEPT AND FOR ANALYZING THE MATTER OF APPLYING SAFEGUARDS AT ENRICHMENT PLANTS. THE CHAIRMAN STATED HIS OPPOSITION TO THE ESTABLISHMENT OF ADDITIONAL SUB-GROUPS FOR SUCH PURPOSES. THE U.S.

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THEN PROPOSED, AND WG-2 AGREED, THAT THE U.K. UNDERTAKE TO PREPARE A PAPER ON THE MULTI-NATIONAL PLANTS CONCEPT, AND THAT THE U.S. WOULD PREPARE REPORT DISCUSSING THE MATTER OF APPLYING SAFEGUARDS AT DIFFUSION AND CONTRIFUGE PLANTS. IN EACH CASE THE COUNTRY UNDERTAKING THE STUDY WOULD BE FREE TO DISTRIBUTE DRAFT OF ITS PAPER TO OTHER COUNTRIES, AS DEEMED APPROPRIATE, TO SOLICIT COMMENTS, SUGGESTIONS, ETC. FROM SUCH OTHER COUNTRIES AND, IN THE CASE OF THE SAFEGUARDS PAPERS, FROM THE IAEA. FRANCE THEN INDICATED THAT IT ALSO INTENDED TO PREPARE A SAFEGUARDS STUDY.

M. POPP STATED THAT THE REPORT OF WG-2 TO THE TCC MEETING NEXT WEEK WOULD BE LIMITED TO A PRESENTATION

OF THE PROCEDURES BEING FOLLOWED IN WG-2 AND TO  
RAISING A QUESTION CONCERNING THE POTENTIAL OVERLAPPING  
OF ACTIVITIES OF DIFFERENT INFCE WORKING GROUPS,  
PARTICULARLY WG-2 AND WG-3.

WG-2 THEN ESTABLISHED THE FOLLOWING SCHEDULE FOR FUTURE  
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MEETINGS:

- WG-2A: JULY 10-11 WORKSHOP (LONDON) ON DEMAND  
(WITH WG-1A) AND SUPPLY OF ENRICHMENT SERVICES  
-WG-2B: SEPTEMBER 14-15 IN VIENNA TO CONSIDER DRAFT  
SYNOPSIS REPORT.  
WG-2A: OCTOBER 16 (WITH WG-1A) TO FOLLOW UP ON DEMAND  
PROJECTION  
WG-2B: OCTOBER 17 (POSSIBLY) FOR FINAL REVIEW OF  
SYNOPSIS REPORT  
WG-2: OCTOBER 18-19 PREPARATION FOR OCTOBER TCC  
MEETING AND OTHER WG-2 ACTIVITIES.

3. ON BASIS OF ABOVE DEVELOPMENTS, THE FOLLOWING  
RECOMMENDATIONS FOR U.S. ACTION ARE MADE:

(1) THE SAFEGUARDS CROSSCUT GROUP SHOULD EXPEDITE  
THE PREPARATION OF THE GASEOUS DIFFUSION AND GAS  
CENTRIFUGE SAFEGUARDS ANALYSES, PARTICULARLY GASEOUS  
DIFFUSION IN VIEW OF THE PROPOSED IAEA ADVISORY  
GROUP MEETING ON ENRICHMENT PLANT SAFEGUARDS TO BE  
HELD IN NOVEMBER AND THE ASSOCIATED CONSULTANTS'  
MEETING TO BE HELD IN LATE AUGUST OR EARLY SEPTEMBER.

(2) IN ORDER TO ESTABLISH U.S. POLICY POSITIONS AND  
TO PERMIT AN EFFECTIVE RESPONSE TO THE U.K. PAPER ON  
MULTI-NATIONAL ENRICHMENT PLANTS, THE INSTITUTIONAL  
CROSSCUT GROUP SHOULD PREPARE A PAPER DEALING WITH  
MULTI-NATIONAL AND REGIONAL ENRICHMENT PLANTS AND  
COORDINATE AS APPROPRIATE WITH THE SAFEGUARDS CROSSCUT  
GROUP IN ANALYZING ANY DIFFERENTIAL IMPACT WHICH  
VARIOUS INSTITUTIONAL ARRANGEMENTS MIGHT HAVE ON  
SAFEGUARDS EFFECTIVENESS. SMITH  
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## Message Attributes

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